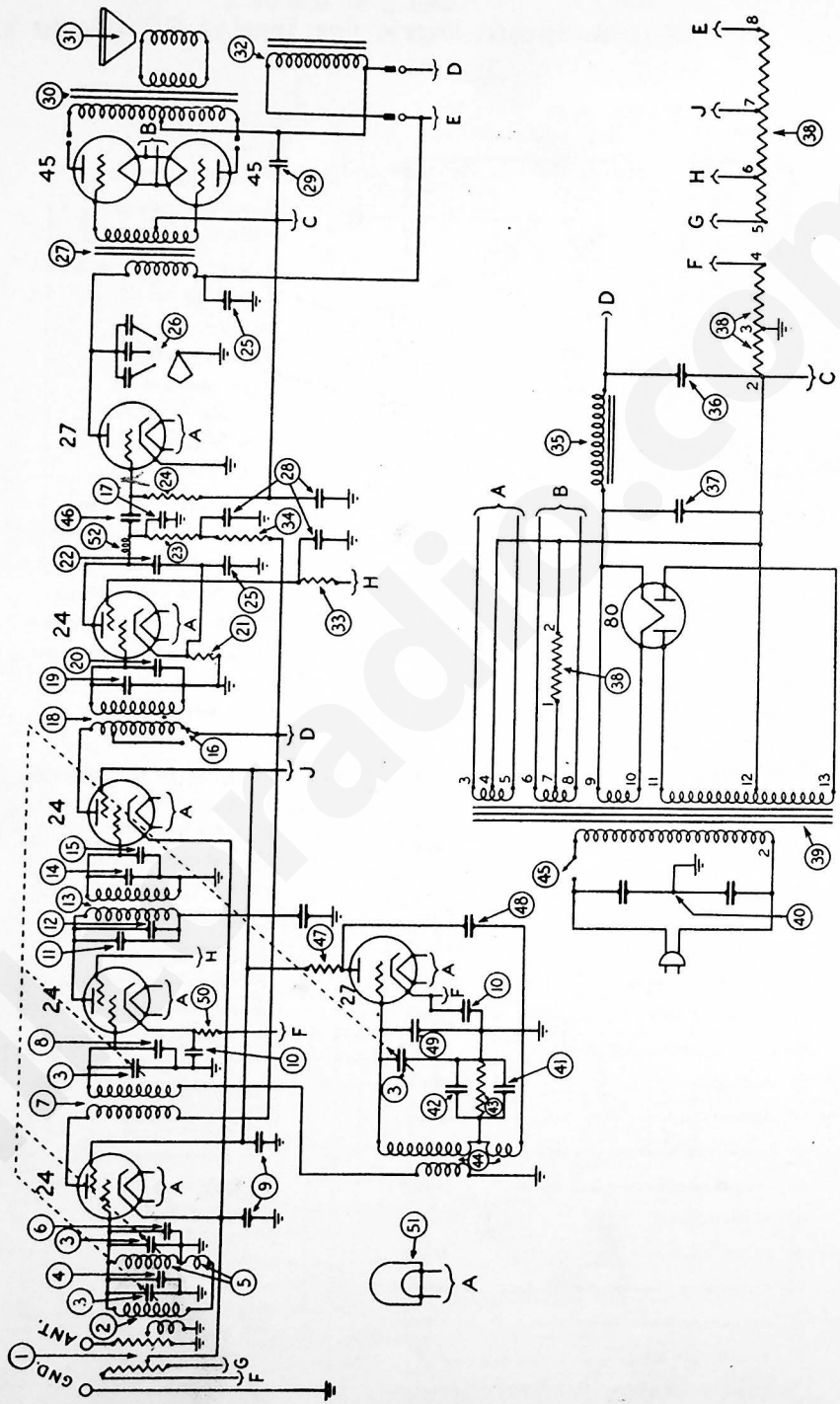


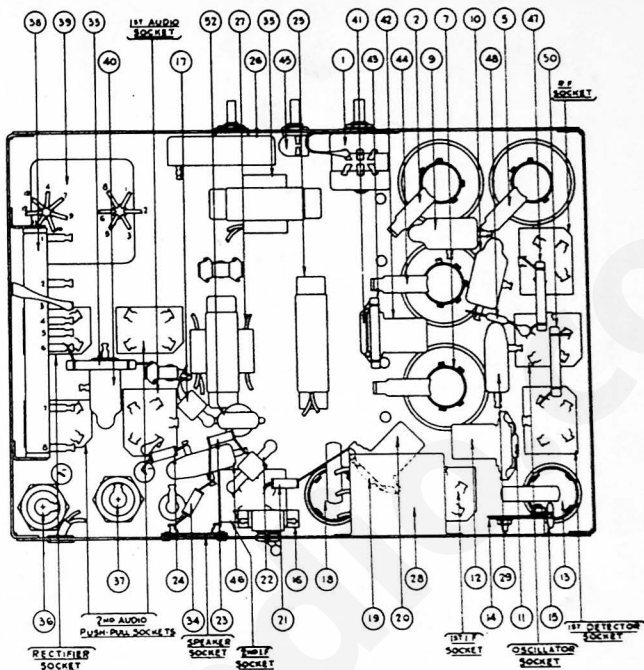
# Models 90 and 90-A

WITH 2- TYPE 45 TUBES



# Models 90 and 90-A

WITH 2- TYPE 45 TUBES



## REPLACEMENT PARTS—MODELS 90 and 90-A RECEIVERS

| No. on Figs. 3 and 4 | Description  | Part No. | No. on Figs. 3 and 4 | Description  | Part No. |
|----------------------|--|----------|----------------------|--|----------|
| ①                    | Volume Control   | 5039     | ⑤                    | Condenser .015 M. F. (Double)                              | 3793-E   |
| ②                    | 1st R. F. Transformer  | 03013    | ⑥                    | Condenser .0007 M. F. Assembled                            | 03060    |
| ③                    | Gang Condenser—20 to 60 cycles                                 | 03011    | ⑦                    | Compensating Condenser                                     | 4287     |
| ④                    | Gang Condenser—25 to 40 cycles                                 | 03073    | ⑧                    | Resistor—50,000 Ohms                                       | 03016    |
| ⑤                    | Compensating Condenser (Part of Tuning Condenser Assembly)     |          | ⑨                    | Oscillator Coil  | 4086     |
| ⑥                    | 2nd R. F. Transformer  | 03014    | ⑩                    | On-Off Switch  | 4086     |
| ⑦                    | Compensating Condenser (Part of Tuning Condenser Assembly)     |          | ⑪                    | Condenser .001 M. F.                                       | 3215     |
| ⑧                    | 1st Det. Transformer   | 03015    | ⑫                    | Resistor—13,000 Ohms                                       | 3786     |
| ⑨                    | Compensating Condenser (Part of Tuning Condenser Assembly)     |          | ⑬                    | Condenser .00011 M. F.                                     | 4519     |
| ⑩                    | Condenser .09 M. F. (Double)                                   | 4989-C   | ⑭                    | Compensating Condenser (Part of Tuning Condenser Assembly) |          |
| ⑪                    | Condenser .09 M. F. (Double)                                   | 4989-B   | ⑮                    | Resistor—5,000 Ohms  | 3626     |
| ⑫                    | Fixed Condenser .00011 Assembled                               | 3772-C   | ⑯                    | Pilot Bulb   | 3463     |
| ⑬                    | Compensating Condenser   | 03009    | ⑰                    | R. F. Choke  | 03086    |
| ⑭                    | 1st I. F. Transformer  | 03051    | ⑱                    | Line Cord and Plug   | L-443    |
| ⑮                    | Compensating Condenser   | 03051    | ⑲                    | Tube Shield  | 03002    |
| ⑯                    | Fixed Condenser .00011 Assembled                               | 3116     | ⑳                    | Knob (large) Dial Control                                  | 4956-A   |
| ⑰                    | Normal Maximum Switch  | 4990     | ㉑                    | Spring (Dial Knobs)  | 4147     |
| ⑱                    | Condenser (.00036 mf)  | 4990     | ㉒                    | Knobs (small) Tone and Volume Control                      | 4956-A   |
| ⑲                    | 2nd I. F. Transformer  | 03143    | ㉓                    | Knob (switch)  | 4987     |
| ⑳                    | Compensating Condenser   | 03051    | ㉔                    | Grid Coil  | 4987     |
| ㉑                    | Fixed Condenser .00011 Assembled                               | 4518     | ㉕                    | Speaker Plug and Cable                                     | L-1134-A |
| ㉒                    | Resistor—50,000 Ohms   | 4990     | ㉖                    | Grommet for R. F. Transformer Shield                       | 3747     |
| ㉓                    | Condenser .00035   | 4410     | ㉗                    | Rectifier Tube Sockets                                     | 3026     |
| ㉔                    | Resistor—250,000 Ohms  | 4410     | ㉘                    | Four Prong Socket Assembly                                 | 4086     |
| ㉕                    | Resistor—1,000,000 Ohms  | 4409     | ㉙                    | Five Prong Socket Assembly                                 | 4086     |
| ㉖                    | Condenser .5 M. F. (Double)                                    | 03024    | ㉚                    | Speaker Socket   | 4087     |
| ㉗                    | Tone Control   | 4037-A   | ㉛                    | Volume Control Insulator                                   | 4082     |
| ㉘                    | 1st Audio Transformer  | 4982     | ㉜                    | Volume Control Insulator                                   | 4296     |
| ㉙                    | Condensers 2—25 M. F. and 1—.5 M. F.                           | 03029    | ㉝                    | Tabastock Clip   | L-1126   |
| ㉚                    | Condenser .05 M. F.  | 3615-G   | ㉞                    | Finishing Rosettes   | 4287     |
| ㉛                    | Output Transformer   |          | ㉟                    | Speaker Mounting Screws (3 used)                           | W-493    |
| ㉜                    | H <sub>1</sub> (For Large Cone Assembly)                       | 2848     | ㊱                    | Speaker Mounting Screws (1 used)                           | W-483    |
| ㉝                    | H <sub>2</sub> (For Small Cone Assembly)                       | 2786     | ㊲                    | Dial   | 3021     |
| ㉞                    | Voice Coil Assembly and Cone:                                  |          | ㊳                    | Mica for Gang Condenser Compensating Condenser             | 3473     |
| ㉟                    | H <sub>1</sub> (Large Cone)                                    | 02997    | ㊴                    | Insulating Washer for Compensating Condenser               | 3500     |
| ㊱                    | H <sub>2</sub> (Small Cone)                                    | 02996    | ㊵                    | Tuning Condenser Mounting Washer                           | 3014     |
| ㊲                    | Speaker Field—Assembled with Pot and Frame                     |          | ㊶                    | Tuning Condenser Mounting Washer                           | 3015     |
| ㊳                    | Resistor—250,000 Ohms  | 3786     | ㊷                    | Tuning Condenser Mounting Sleeve                           | 3016     |
| ㊴                    | Resistor—250,000 Ohms  | 4410     | ㊸                    | Spring for Tuning Condenser                                | 4265     |
| ㊵                    | Filter Choke   | 4981     | ㊹                    | Basel  | 8009     |
| ㊶                    | Condenser 6 M. F. Electrolytic Type (80-80 cycles)             | 4016     | ㊺                    | Complete Pilot Bracket                                     | 03081-A  |
| ㊷                    | Condenser 10 M. F. Electrolytic Type (25-40 cycles)            | 5142     | ㊻                    | Dial Disc  | 4626     |
| ㊸                    | Condenser 6 M. F. Electrolytic Type (25-40) and (80-80) cycles | 4016     | ㊼                    | Light Shield Screen  | 4627     |
| ㊹                    | B. C. Resistor   | 4983     | ㊽                    | Friction Drive Bracket                                     | 4080     |
| ㊺                    | Power Transformer (50 to 80 cycles)                            | 4088     | ㊾                    | Brass Collar for Friction Drive                            | 4086     |
| ㊻                    | Power Transformer (25 to 40 cycles)                            | 4089     | ㊿                    | Shaft  | 4981     |